

# Kotex KG-15MRA

Polycarbonate  
Kotec Corporation

Message:

Kotex KG-15MRA is a Polycarbonate (PC) product filled with 15% glass fiber. It is available in Asia Pacific or Europe.  
Characteristics include:  
Flame Rated  
Good Mold Release  
High Viscosity  
Mold Release Agent

General Information			
UL YellowCard	E146413-223407		
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Additive	Mold Release		
Features	Good Mold Release		
	High Viscosity		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Water Absorption (23°C, 24 hr)	< 0.20	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	98.0	MPa	ASTM D638
Tensile Elongation (Break)	4.5	%	ASTM D638
Flexural Modulus	4410	MPa	ASTM D790
Flexural Strength	132	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	143	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms · cm	ASTM D257
Dielectric Strength (1.60 mm)	20	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	3.20		ASTM D150
Dissipation Factor (1 MHz)	8.0E-3		ASTM D150
Arc Resistance	110	sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.00 mm)	V-0		UL 94

Optical	Nominal Value	Test Method
Haze (3.00 mm)	Translucent	ASTM D1003

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Recommended distributors for this material

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